

15992 U.S. PTO  
033004

GRAYCARY

4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133  
www.graycary.com  
O] 858-677-1456  
F] 858-677-1465

March 30, 2004

ATTORNEY DOCKET NO.: INTEL1510 (P18520)

00746 U.S. PTO  
10/814695

033004

ATTN: Mail Stop PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a new original patent application of:

APPLICANT(S): Tae-Woong Koo, Selena Chan, Xing Su, Jingwu Zhang, Lei Sun

TITLE: SURFACE MODIFICATION OF METALS FOR BIOMOLECULE  
DETECTION USING SURFACE ENHANCED RAMAN  
SCATTERING (SERS)

Enclosed are the following papers, including all those required to receive a filing date under  
37 CFR § 1.53(b):

	<u>Number of Pages</u>
Specification	17
Claims	6
Abstract	1
Drawing(s)	3

EXPRESS MAIL Number: EV 318741641 US

Date of Deposit: March 30, 2004

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Attn: Mail Stop PATENT APPLICATION, COMMISSIONER FOR PATENTS, P. O. BOX 1450, Alexandria, VA 22313-1450.

Greg Austin

(Name of Individual Depositing with P.O.)

(Signature of Individual Depositing with P.O.)

*Greg P. Austin*

SILICON VALLEY SAN DIEGO SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA WASHINGTON, DC

INTELCORPORATION  
Gray Cary\GT\6393232.1  
1090132-106

**GRAY CARY WARE & FREIDENRICH LLP**

**ATTORNEY DOCKET NO.: INTEL1510 (P18520)**

**Mail Stop: PATENT APPLICATION**

Date: March 30, 2004

Page 2

Enclosure(s):

- Initial Information Data Sheet (4 pages);
- Unsigned Declaration and Power of Attorney for Patent Application (7 pages); and
- Return Receipt Postcard.
- Check No. 556755 in the amount of \$1582.00.

Applicant(s) claim **LARGE ENTITY status** in the above-identified application.]

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate			Fee	
					Large Entity	Small Entity		Large Entity	Small Entity
Total Claims	46-20	=	26	X	\$18	\$ 9	=	\$ 468.00	\$
Independent Claims	7-3	=	4	X	\$86	\$43	=	\$ 344.00	\$
Multiple Dependent Claims Presented: __ Yes <u>X</u> No					290.00\$	\$145.00		\$ 0.00	\$
					BASIC FEE			\$ 770.00	\$385.00
					TOTAL FEE			\$1,582.00	\$

Check No. 556755 is enclosed as payment of the **FILING FEE**. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the Attorney Docket number shown above. A copy of this transmittal letter is attached.

If this application is found to be **INCOMPLETE**, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

SILICON VALLEY SAN DIEGO SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA WASHINGTON, DC

**INTELCORPORATION**  
Gray Cary\GT\6393232.1  
1090132-106

**GRAY CARY WARE & FREIDENRICH LLP**

**ATTORNEY DOCKET NO.: INTEL1510 (P18520)**

**Mail Stop: PATENT APPLICATION**

Date: March 30, 2004

Page 3

Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

**Lisa A. Haile, J.D., Ph.D.**

**GRAY CARY WARE & FREIDENRICH LLP**

Attorneys for INTEL CORPORATION

4365 Executive Drive, Suite 1100

San Diego, CA 92121-2133

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

**USPTO Customer Number 28213**

Respectfully submitted,

**GRAY CARY WARE & FREIDENRICH LLP**



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

March 30, 2004

Date

LAH/cag

Enclosures

**INTELCORPORATION**

Gray Cary\GT\6393232.1

1090132-106